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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
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FOR THE MONTH AND PERIOD ENDED NOVEMBER, 1982

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1982 ISSUE NO. 11
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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

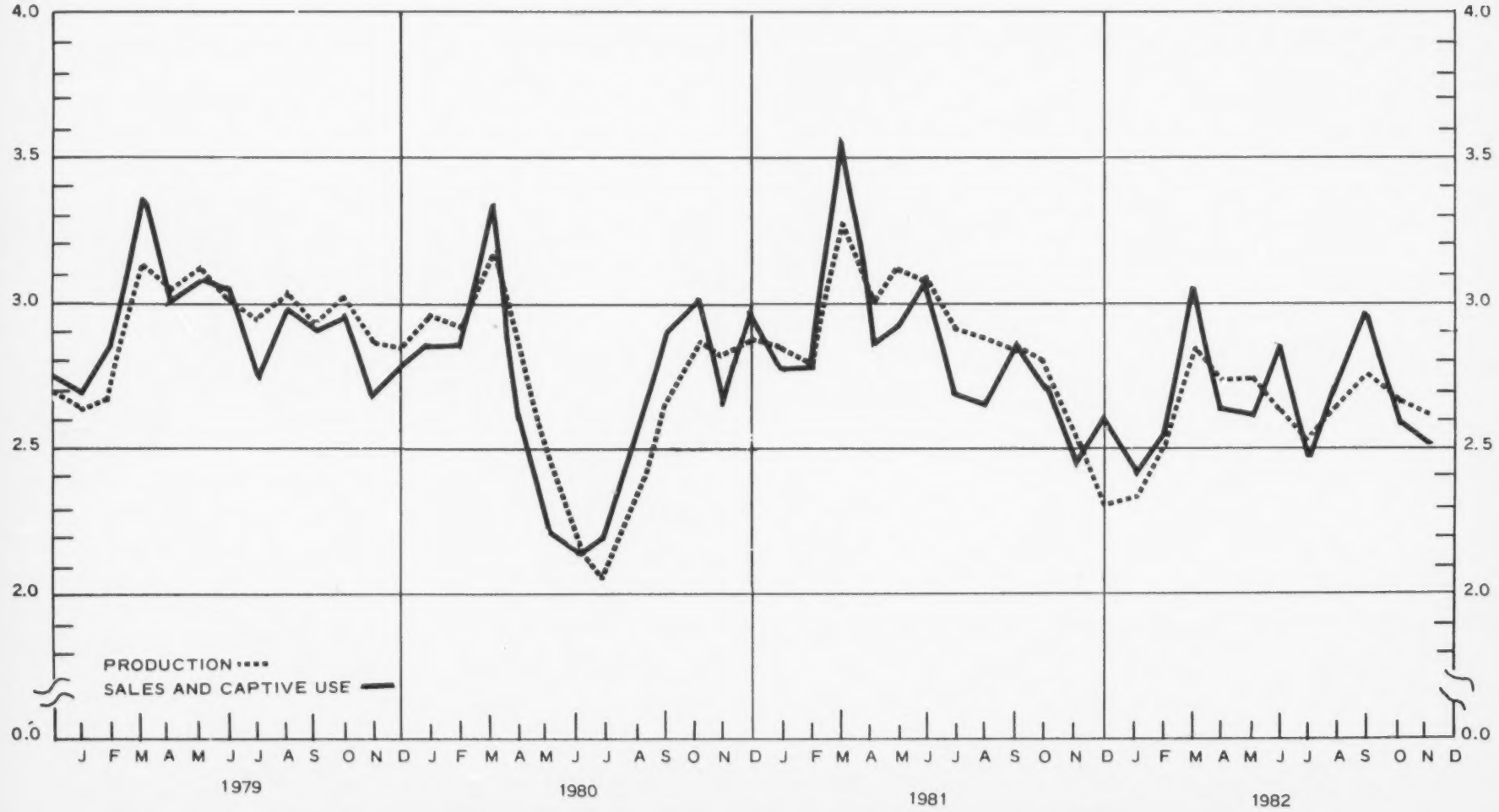
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

NOVEMBER, 1982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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

NOVEMBER 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	20,284	23,757	-14.6	279,111	308,702	-9.6	21,142	29,806	-29.1	267,538	311,885	-14.2
POLYESTER *(UNSATURATED)* RESINS, TOTAL	65,093	70,527	-7.7	800,846	921,765	-13.1	65,371	69,284	-5.6	807,655	938,696	-14.0
UREA RESINS, TOTAL	78,848	71,865	+9.7	892,621	1,068,813	-16.5	80,114	73,739	+8.6	912,833	1,094,941	-16.6
MELAMINE RESINS, TOTAL	12,230	12,032	+1.6	142,968	164,976	-13.3	11,799	12,863	-8.3	145,700	169,774	-14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	177,243	162,311	+9.2	1,898,168	2,216,465	-14.4	176,251	160,090	+10.1	1,850,064	2,181,428	-15.2
THERMOSETTING RESINS, TOTAL	353,698	340,492	+3.9	4,013,714	4,680,721	-14.3	354,677	345,782	+2.6	3,983,790	4,696,724	-15.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	595,077	597,516	-0.4	6,793,632R	6,851,736	-0.8	626,437	579,122	+8.2	6,709,133	7,114,521	-5.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	403,611	339,906	+18.7	4,480,648	4,315,024	+3.8	408,450	357,254	+14.3	4,408,818	4,379,283	+0.7
POLYPROPYLENE, TOTAL	273,704	296,253	-7.6	3,295,188	3,571,148	-7.7	315,401	293,608	+7.4	3,189,945	3,694,797	-13.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	58,924	59,253	-0.6	682,218	845,679	-19.3	55,306	59,223	-6.6	689,580	863,555	-20.1
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	6,275	6,126	+2.4	76,286	99,618	-23.4	6,083	8,569	-29.0	85,609	103,787	-17.5
POLYSTYRENE, TOTAL	247,441	266,180	-7.0	2,942,175	3,279,784	-10.3	251,004	291,795	-14.0	2,959,703	3,357,266	-11.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	39,884	41,897	-4.8	438,887	575,968	-23.8	40,311	45,440	-11.3	447,436	591,675	-24.4
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	1,588	2,392	-33.6	20,339	36,087	-43.6	1,686	2,568	-34.3	18,745	36,811	-49.1
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	9,601	9,416	+2.0	123,386	142,936	-13.7	8,856	9,839	-10.0	121,449	144,510	-16.0
NYLON RESINS, TOTAL	18,957	21,654	-12.5	231,632	270,022	-14.2	13,816	23,107	-40.2	212,093	290,461	-27.0
POLYVINYL CHLORIDE & COPOLYMERS- *(DRY RESIN CONTENT)*, TOTAL	424,523	369,482	+14.9	5,033,151	5,238,585	-3.9	427,641	383,896	+11.4	4,934,005	5,386,596	-8.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	43,427	43,693	-0.6	525,157	598,520	-12.3	*43,427	*43,693	-0.6	*525,157	*598,520	-12.3
POLYVINYL ALCOHOL, TOTAL #												
OTHER VINYL RESINS, TOTAL	12,906	16,924	-23.7	155,596	184,869	-15.8	12,966	18,336	-29.3	165,581	193,801	-14.6
THERMOPLASTIC POLYESTER, TOTAL	48,184	42,823	-12.5	568,144	538,164	+5.6	48,105	47,769	+0.7	577,310	566,823	+1.9
THERMOPLASTIC RESINS, TOTAL	2,184,102	2,113,515	+3.3	25,366,439	26,548,140	-4.5	2,259,489	2,164,219	-4.4	25,044,564	27,322,406	-8.3
GRAND TOTAL	2,537,800	2,454,007	+3.4	29,380,153	31,228,861	-5.9	2,614,166	2,510,001	+4.2	29,028,354	32,019,130	-9.3

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

= Polyvinyl Alcohol data has been deleted on a temporary basis for disclosure reasons.

R = Revision

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

NOVEMBER 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	9,201	10,776	-14.6	126,604	140,026	-9.6	9,590	13,520	-29.1	121,354	141,470	-14.2
POLYESTER *(UNSATURATED)* RESINS, TOTAL	29,526	31,991	-7.7	363,261	418,110	-13.1	29,652	31,427	-5.6	366,350	425,790	-14.0
UREA RESINS, TOTAL	35,765	32,598	+9.7	404,890	484,810	-16.5	36,339	33,448	+8.6	414,058	496,662	-16.6
MELAMINE RESINS, TOTAL	5,547	5,458	+1.6	64,850	74,833	-13.3	5,352	5,835	-8.3	66,089	77,009	-14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	80,397	73,624	+9.2	861,003	1,005,382	-14.4	79,947	72,616	+10.1	839,183	989,490	-15.2
THERMOSETTING RESINS, TOTAL	160,436	154,447	+3.9	1,820,608	2,123,161	-14.3	160,880	156,846	+2.6	1,807,034	2,130,421	-15.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	269,925	271,032	-0.4	3,081,571	3,107,927	-0.8	284,150	262,688	+8.2	3,043,243	3,227,125	-5.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	183,077	154,180	+18.7	2,032,409	1,957,282	+3.8	185,272	162,049	+14.3	1,999,827	1,986,430	+0.7
POLYPROPYLENE, TOTAL	124,151	134,379	-7.6	1,494,687	1,619,862	-7.7	143,065	133,180	+7.4	1,446,950	1,675,949	-13.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	26,728	26,877	-0.6	309,452	383,597	-19.3	25,087	26,863	-6.6	312,791	391,706	-20.1
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	2,846	2,779	+2.4	34,603	45,186	-23.4	2,759	3,887	-29.0	38,832	47,077	-17.5
POLYSTYRENE, TOTAL	112,238	120,738	-7.0	1,334,562	1,487,700	-10.3	113,855	132,357	-14.0	1,342,512	1,522,846	-11.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	18,091	19,004	-4.8	199,078	261,257	-23.8	18,285	20,611	-11.3	202,955	268,382	-24.4
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	720	1,085	-33.6	9,226	16,369	-43.6	765	1,165	-34.3	8,503	16,697	-49.1
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	4,355	4,271	+2.0	55,967	64,835	-13.7	4,017	4,463	-10.0	55,089	65,549	-16.0
NYLON RESINS, TOTAL	8,599	9,822	-12.5	105,068	122,481	+14.2	6,267	10,481	-40.2	96,205	131,752	-27.0
POLYVINYL CHLORIDE & COPOLYMERS- *(DRY RESIN CONTENT)*, TOTAL	192,562	167,596	+14.9	2,283,022	2,376,207	-3.9	193,977	174,134	+11.4	2,238,050	2,443,345	-8.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	19,698	19,819	-0.6	238,210	271,488	-12.3	* 19,698	* 19,819	-0.6	* 238,210	* 271,487	-12.3
POLYVINYL ALCOHOL, TOTAL #												
OTHER VINYL RESINS, TOTAL	5,855	7,677	-23.7	70,578	83,857	-15.8	5,881	8,317	-29.3	75,107	87,907	-14.6
THERMOPLASTIC POLYESTER, TOTAL	21,857	19,424	-12.5	257,708	244,109	+5.6	21,820	21,669	+0.7	261,866	257,109	+1.9
THERMOPLASTIC RESINS, TOTAL	990,702	958,683	+3.3	11,506,141	12,042,157	-4.5	1,024,898	981,683	-4.4	11,360,140	12,393,361	-8.3
GRAND TOTAL	1,151,138	1,113,130	+3.4	13,326,749	14,165,318	-5.9	1,185,778	1,138,529	+4.2	13,167,175	14,523,782	-9.3

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(1) *Except phenolic resins which are reported on a gross weight basis.*

\# = Polyvinyl Alcohol has been deleted on a temporary basis for disclosure reasons.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* **RESINS, TOTAL**	20,284	23,757	-14.6	279,111	308,702	-9.6	21,142	29,860	-29.2	267,538	311,885	-14.2
Total Exports	2,579	2,950	-12.6	35,003	35,909	-2.5						
Total Domestic	17,705	20,807	-14.9	244,108	272,793	-10.5						
Bonding & Adhesives	914	1,307	-30.1	14,166	16,598	-14.7						
Flooring, Paving & Exposed Aggregate	1,198	1,625	-26.3	16,735	18,953	-11.7						
Protective Coatings	8,375	8,874	-5.6	113,066	129,083	-12.4						
Fiber Reinforced Laminates & Composites	3,700	5,319	-30.4	53,449	61,572	-13.2						
Tooling, Casting & Molding Resins	1,444	1,795	-19.6	22,286	27,152	-17.9						
All Other Uses	2,074	1,887	+9.9	24,406	19,435	+25.6						
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**	65,093	70,527	-7.7	800,846	921,765	-13.1	65,371	69,284	-5.6	807,655	938,696	-14.0
Exports, Total	485	880	-44.9	7,532	9,939	-24.2						
Domestic, Total	64,608	69,647	-7.2	793,314	911,826	-13.0						
General Purpose Resins, Total *	56,801	60,680	-6.4	697,945	804,278	-13.2						
General Purpose – Thixotropic *	23,385	23,530	-0.6	306,308	297,278	+3.0						
General Purpose – Press Molding *	6,103	8,332	-26.8	85,462	127,751	-33.1						
General Purpose – All Other *	27,313	28,818	-5.2	306,175	379,249	-19.3						
Flame Retardant Resins *	1,981	2,337	-15.2	19,580	26,624	-26.5						
Chemical Resistant Resins *	5,826	7,510	-22.4	75,789	90,863	-16.6						
Chemical Resistant Isophthalic Resins *	3,792	4,305	-11.9	51,708	55,236	-6.4						
All Other Chemical Resistant Resins *	2,034	3,205	-36.5	24,081	35,627	-32.4						
Reinforced Plastics, Total	48,470	55,104	-12.0	595,201	721,441	-17.5						
Non-Reinforced Plastics, Total	16,138	14,543	+11.0	198,113	190,385	+4.1						

* = Beginning in 1982 Exports are not included, in 1981 Exports were included.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
UREA RESINS, TOTAL	78,848	71,865	+9.7	892,621	1,068,813	-16.5	80,114	73,739	+8.6	912,833	1,094,941	-16.6
MELAMINE RESINS, TOTAL	12,230	12,032	+1.6	142,968	164,976	-13.3	11,799	12,863	-8.3	145,700	169,774	-14.2
UREA & MELAMINE RESINS, TOTAL	91,078	83,897	+8.6	1,035,589	1,233,789	-16.1	91,913	86,602	+6.1	1,058,533	1,264,715	-16.3
Total Exports	1,529	1,056	+44.8	15,567	22,822	-31.8						
Total Domestic	89,549	82,841	+8.1	1,020,022	1,210,967	-15.8						
Textile Treating & Coating Resins	D	D		D	D							
Paper Treating & Coating Resins	4,833	4,914	-1.6	62,114	68,634	-9.5	5,282	4,902	+7.8	61,901	73,051	-15.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	67,051	61,797	+8.5	780,709	929,175	-16.0	67,824	62,798	+8.0	792,434	941,497	-15.8
Laminating	2,171	2,161	+0.5	25,201	30,250	-16.7	2,202	2,079	+5.9	25,792	31,022	-16.9
Plywood	4,375	4,970	-12.0	59,805	67,715	-11.7	4,819	5,073	-5.0	61,164	70,811	-13.6
Fibrous & Granulated Wood (Particle Board)	60,505	54,666	+10.7	695,703	831,210	-16.3	60,803	55,646	+9.3	705,478	839,664	-16.0
Protective Coatings *(Straight & Modified)*	5,311	5,150	+3.1	60,089	64,751	-7.2	5,830	6,095	-4.3	71,358	82,163	-13.2
All Other Uses *(Includes Textile Treating & Coating Resins)*	12,354	10,980	-12.5	117,110	148,407	-21.1	12,977	12,807	+1.3	132,840	168,004	-20.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	177,243	162,311	+9.2	1,898,168	2,216,465	-14.4	176,251	160,090	+10.1	1,850,064	2,181,428	-15.2
Total Exports	1,003	1,491	-32.7	14,424	18,910	-23.7						
Total Domestic	176,240	160,820	+9.6	1,883,744	2,197,555	-14.3						
Molding Compounds	16,505	17,292	-4.6	174,847	235,496	-25.8	18,405	18,861	-2.0	185,474	264,901	-30.0
Bonding & Adhesive Resins for:	156,513	139,173	+12.5	1,672,171	1,898,366	-11.9	154,540	136,401	+13.3	1,625,810	1,848,037	-12.0
Laminating	10,829	8,924	+21.3	118,068	125,422	-5.9	8,949	8,445	+6.0	102,408	120,702	-15.2
Coated & Bonded Abrasives	1,773	3,351	-47.1	23,778	35,240	-32.5	1,501	3,117	-51.8	22,842	37,983	-39.9
Friction Materials	1,647	2,526	-34.8	24,224	27,375	-11.5	1,742	2,676	-34.9	24,026	27,705	-13.3
Insulation Materials	36,615	26,956	+35.8	321,508	331,610	-3.0	35,738	25,406	+40.7	305,542	312,774	-2.3
Foundry & Shell Molding	4,702	6,694	-29.8	59,439	76,148	-21.9	4,792	6,866	-30.2	59,583	76,868	-22.5
Plywood	83,585	70,797	+18.1	923,273	1,036,579	-10.9	84,548	68,878	+22.8	909,469	1,005,401	-9.5
Fibrous & Granulated Wood	11,583	12,749	-9.1	132,698	189,989	-30.2	10,969	12,946	-15.3	127,060	178,743	-28.9
Resins Sold to Rubber Industry	1,857	1,858	-0.1	20,974	21,830	-3.9	2,245	2,148	+4.5	22,5[illegible]	23,212	-2.8
All Other	3,922	5,318	-26.3	48,209	54,173	-11.0	4,056	5,919	-31.5	52,326	64,649	-19.1
Protective Coatings – Unmodified & Modified	1,460	2,151	-32.1	16,755	24,643	-32.0	1,563	2,468	-36.7	17,962	26,857	-33.1
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	1,762	2,204	-20.1	19,971	39,050	-48.9	1,663	2,360	-29.5	20,818	41,633	-50.0

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	595,077	597,516	-0.4	6,793,632R	6,851,736	-0.8	626,437	579,122	+8.2	6,709,133	7,114,521	-5.7
Total Exports	63,314	89,510	-29.3	1,008,617	880,901	+14.5						
Total Domestic	531,763	508,006	+4.7	5,785,015R	5,970,835	-3.1						
Film *(12 Mils & Below)*	340,530	309,772	+9.9	3,599,925	3,720,007	-3.2						
Sheet *(Over 12 Mils)*	1,064	1,667	-36.2	17,758	13,452	+32.0						
Injection Molding	44,228	42,402	+4.3	448,799	478,887	-6.3						
Wire & Cable	21,211	28,519	-25.6	257,542	322,462	-20.1						
Extrusion Coating	45,621	43,677	+4.5	483,213R	516,837	-6.5						
Blow Molding	3,833	5,035	-23.9	44,431	55,929	-20.6						
Pipe & Conduit	1,818	1,671	+8.8	25,366	22,449	+13.0						
Other Extruded Products	3,997	3,434	+16.4	44,718	56,160	-20.4						
All Other Uses	69,461	71,829	-3.3	863,263	784,652	+10.0						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	403,611	339,906	+18.7	4,480,648	4,315,024	+3.8	408,450	357,254	+14.3	4,408,818	4,379,283	+0.7
Total Exports	67,349	46,576	+44.6	576,774	417,120	+38.3						
Total Domestic	336,262	293,330	+14.6	3,903,874	3,897,904	+0.2						
Film *(12 Mils & Below)*	25,034	21,589	+16.0	251,756	257,951	-2.4						
Sheet *(Over 12 Mils)*	4,231	3,398	+24.5	51,734	50,330	+2.8						
Injection Molding	87,780	68,877	+27.4	986,978	906,059	+8.9						
Wire & Cable	9,704	11,913	-18.5	103,513	101,641	+1.8						
Extrusion Coating	1,654	2,215	-25.3	21,890	29,044	-24.6						
Blow Molding	136,718	121,340	+12.7	1,563,365	1,584,481	-1.3						
Pipe & Conduit	21,490	20,627	+4.2	333,922	382,755	-12.8						
Other Extruded Products	2,322	1,332	+74.3	25,309	17,076	+48.2						
All Other Uses	47,329	42,039	+12.6	565,407	568,567	-0.6						
POLYPROPYLENE, TOTAL	273,704	296,253	-7.6	3,295,188	3,571,148	-7.7	315,401	293,608	+7.4	3,189,945	3,694,797	-13.7
Total Exports	49,052	70,732	-30.7	603,189	590,558	+2.1						
Total Domestic	224,652	225,521	-0.4	2,691,999	2,980,590	-9.7						
Injection Molding	85,326	87,001	-1.9	1,002,016	1,163,384	-13.9						
Appliances	5,675	6,570	-13.6	67,628	88,802	-23.8						
Consumer Products	21,413	20,859	+2.7	256,108	334,306	-23.4						
Rigid Packaging	25,203	20,774	+21.3	268,388	246,738	+8.8						
Transportation	17,644	15,956	+10.6	210,769	237,544	-11.3						
All Other Injection Molding	15,391	22,842	-32.6	199,123	255,994	-22.2						
Blow Molding	6,050	4,368	+38.5	62,458	60,249	+3.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	22,753	22,435	+1.4	272,206	281,049	-3.1						
Sheet *(Over 10 Mils)*	1,932	2,924	-33.9	17,661	32,340	-45.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	68,040	69,838	-2.6	808,949	964,055	-16.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	5,769	6,663	-13.4	87,290	92,278	-5.4						
All Other Uses	34,782	32,292	+7.7	441,419	387,235	+14.0						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

= Includes Ext. Coating, Wire & Cable, Pipe & Conduit

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	58,924	59,253	-0.6	682,218	845,679	-19.3	55,306	59,223	-6.6	689,580	863,555	-20.1
Total Exports	3,151	4,374	-28.0	43,174	45,973	-6.1						
Total Domestic	55,773	54,879	+1.6	639,044	799,706	-20.1						
Electrical & Electronic Uses	15,649	11,891	+31.6	166,170	185,962	-10.6						
Pipe, Conduit & Fittings	11,092	10,991	+0.9	103,575	169,069	-38.7						
Transportation	10,537	10,481	+0.5	137,130	152,720	-10.2						
Consumer & Institutional	7,729	10,509	-26.5	96,743	122,410	-21.0						
All Other Uses	10,766	11,007	-2.2	135,426	169,545	-20.1						
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	6,275	6,126	+2.4	76,286	99,618	-23.4	6,083	8,569	-29.0	85,609	103,787	-17.5
Total Exports	464	842	-44.9	8,861	13,243	-33.1						
Total Domestic	5,811	5,284	+10.0	67,425	86,375	-21.9						
POLYSTYRENE RESINS, TOTAL	247,441	266,180	-7.0	2,942,175	3,279,784	-10.3	251,004	291,795	-14.0	2,959,703	3,357,266	-11.8
Straight Polystyrene	133,209	138,234	-3.6	1,526,404	1,628,818	-6.3	132,497	147,017	-9.9	1,534,147	1,644,801	-6.7
Rubber-Modified Polystyrene	114,232	127,946	-10.7	1,415,771	1,650,966	-14.2	118,507	144,778	-18.1	1,425,556	1,712,465	-16.8
Exports, Total	5,856	6,701	-12.6	88,888	140,591	-36.8						
Straight Polystyrene	2,992	4,849	-38.3	45,300	69,548	-34.9						
Rubber-Modified Polystyrene	2,864	1,852	+54.6	43,588	71,043	-38.6						
Domestic, Total	241,585	259,479	-6.9	2,853,287	3,139,193	-9.1						
Molding	103,691	125,778	-17.6	1,256,911	1,486,483	-15.4						
Extrusion	82,782	83,489	-0.8	976,939	1,032,571	-5.4						
Expandable Polystyrene Beads	34,017	33,749	+0.8	393,290	383,051	+2.7						
All Other Uses	21,095	16,463	+28.1	226,147	237,088	-4.6						
Polystyrene End Uses, Total **	241,585	259,479	-6.9	2,853,287	3,139,193	-9.1						
Packaging	84,316	87,964	-4.1	959,628	1,018,885	-5.8						
Consumer and Institutional Products	44,643	56,500	-21.0	582,136	673,025	-13.5						
Electrical / Electronics	20,540	21,223	-3.2	258,098	291,927	-11.6						
Furniture, Furnishings, Building and Construction	14,807	15,485	-4.4	165,326	170,086	-2.8						
Expandable Polystyrene Beads	34,017	33,749	+0.8	393,290	383,051	+2.7						
All Other End Uses	43,262	44,558	-2.9	494,809	602,219	-17.8						

** = *Portions of the End Use Section are Estimated.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	39,884	41,897	-4.8	438,887	575,968	-23.8	40,311	45,440	-11.3	447,436	591,675	-24.4
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	1,588	2,392	-33.6	20,339	36,087	-43.6	1,686	2,568	-34.3	18,745	36,811	-49.1
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	41,472	44,289	-6.4	459,226	612,055	-25.0	41,997	48,008	-12.5	466,181	628,486	-25.8
Paper Treating	1,678	1,336	+25.6	22,864	30,410	-24.8						
Textile Treating	855	1,539	-44.4	11,906	25,872	-54.0						
Carpet Backing	17,060	17,318	-1.5	183,998	241,081	-23.7						
All Other Uses (Including Exports & Paper Coating)	21,879	24,096	-9.2	240,458	314,692	-23.6						
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	9,601	9,416	+2.0	123,386	142,936	-13.7	8,856	9,839	-10.0	121,449	144,510	-16.0
Export, Total	1,621	1,460	+11.0	22,146	27,832	-20.4						
Domestic, Total	7,980	7,956	+0.3	101,240	115,104	-12.0						
NYLON RESINS, TOTAL	18,957	21,654	-12.5	231,632	270,022	-14.2	13,816	23,107	-40.2	212,093	290,461	-27.0
Total Exports	1,420	1,172	+21.2	16,411	17,502	-6.2						
Total Domestic	17,537	20,482	-14.4	215,221	252,520	-14.8						
Injection Molding Grade	10,124	13,039	-22.4	129,771	167,032	-22.3						
Extrusion Grade	5,897	6,163	-4.3	66,519	70,939	-6.2						
Resellers and Compounders	1,213	921	+31.7	14,409	10,199	+41.3						
All Other Uses	303	359	-15.6	4,522	4,350	+4.0						

*** - *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	424,523	369,482	+14.9	5,033,151	5,238,585	-3.9	427,641	383,896	+11.4	4,934,005	5,386,596	-8.4
Homopolymer Resins including Blending and Latex	376,020	313,932	+19.8	4,450,715	4,518,281	-1.5	386,049	321,757	+20.0	4,376,596	4,621,600	-5.3
Copolymer Resins including Blending and Latex	22,488	27,779	-19.0	271,162	340,309	-20.3	13,681	27,365	-50.0	250,277	364,050	-31.3
Dispersion Resins	26,015	27,771	-6.3	311,274	379,995	-18.1	27,911	34,774	-19.7	307,132	400,946	-23.4
Total Exports	40,776	34,329	+18.8	520,188	390,515	+33.2						
Total Domestic	383,747	335,153	+14.5	4,512,963	4,848,070	-6.9						
Calendering, Total	43,594	56,022	-22.2	553,077	616,807	-10.3						
Flooring	11,649	12,620	-7.7	137,950	135,846	+1.5						
Textile	5,418	8,010	-32.4	56,792	68,658	-17.3						
All Other Calendering Uses	26,527	35,392	-25.0	358,335	412,303	-13.1						
Coating, Total	21,768	20,745	+4.9	246,112	297,194	-17.2						
Flooring	9,557	6,016	+58.9	91,558	117,329	-22.0						
Textile & Paper Coating	6,608	8,031	-17.7	79,854	93,994	-15.0						
Protective Coatings	2,669	3,244	-17.7	35,522	38,819	-8.5						
Adhesives & All Other Coating Uses	2,934	3,454	-15.1	39,178	47,052	-16.7						
Extrusion, Total	242,795	191,305	+26.9	2,904,597	2,960,600	-1.9						
Wire & Cable	26,195	26,513	-1.2	300,739	340,625	-11.7						
Film & Sheet	24,947	18,718	+33.3	285,575	266,809	+7.0						
Rigid Pipe & Tubing *(Except Fittings)*	155,450	116,745	+33.2	1,860,544	1,918,650	-3.0						
All Other Extrusions	36,203	29,329	+23.4	457,739	434,516	+5.3						
Molding, Total	32,926	25,136	+31.0	316,922	349,736	-9.4						
Bottles	8,666	6,860	+26.3	85,719	87,557	-2.1						
Sound Records	12,829	8,088	+58.6	98,076	95,735	-2.4						
Fittings *(Rigid Pipe & Tubing)*	7,038	6,152	+14.4	89,313	96,181	-7.1						
All Other Molding	4,393	4,036	+8.8	43,814	70,263	-37.6						
Paste Processes *(Except Coating)*	14,777	15,512	-4.7	159,229	171,261	-7.0						
Plastisol Formulation	8,534	6,583	+29.6	78,077	93,398	-16.4						
All Other	6,243	8,929	-30.1	81,152	77,517	+4.7						
Resellers	12,215	7,941	+53.8	132,354	125,354	+5.6						
All Other Uses	15,672	18,492	-15.2	200,672	327,118	-38.7						

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(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	43,427	43,693	-0.6	525,157	598,520	-12.3						
Total Exports	461	1,381	-66.6	5,583	13,917	-59.9						
Total Domestic	42,966	42,312	-1.5	519,574	584,603	-11.1						
Emulsion Paints	12,747	11,522	+10.6	152,050	168,313	-9.7						
Adhesives, Caulks and Sealants	17,453	18,271	-4.5	216,115	245,513	-12.0						
Paper Treating & Paper Coating	7,838	6,078	+29.0	86,710	78,151	+11.0						
Textile Treating	1,041	1,300	-19.9	16,397	25,317	-35.2						
Non-Woven Binders	2,152	2,024	+6.3	24,139	28,125	-14.2						
All Other Uses	1,735	3,117	-44.3	24,163	39,184	-38.3						
POLYVINYL ALCOHOL, TOTAL #												
Total Exports												
Total Domestic												
OTHER VINYL RESINS*, TOTAL	12,906	16,924	-23.7	155,596	184,869	-15.8	12,966	18,336	-29.3	165,581	193,801	-14.6
Total Exports	2,508	4,699	-46.6	33,941	35,220	-3.6						
Total Domestic	10,398	12,225	-14.9	121,655	149,649	-18.7						
THERMOPLASTIC POLYESTER, TOTAL	48,184	42,823	+12.5	568,144	538,164	+5.6	48,105	47,769	+0.7	577,310	566,823	+1.9
Total Exports	6,153	4,275	+43.9	44,308	39,814	+11.3						
Total Domestic	42,031	38,548	+9.0	523,836	498,350	+5.1						
PET Bottle Grades	33,098	31,966	n.c.	413,730	421,353	n.c.						
All Other Thermoplastic Polyester**	8,933	6,582	n.c.	110,106	76,997	n.c.						

*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.

** Includes All Other PET and All Injection Molding Grades.

= Polyvinyl Alcohol data has been deleted on a temporary basis for disclosure reasons.

R = Revision

n.c. = Not comparable due to a change in reporting in 1982

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